

U.S. ENVIRONMENTAL PROTECTION AGENCY
REGION V
HAZARDOUS MATERIAL ENFORCEMENT AND RESPONSE PROGRAM

HMS
FILE

SITE NAME HOOVER BALL & BEARING
SITE ADDRESS 233 MONROE ST. SALINE
HOW/DATE IDENTIFIED M.D.N.R.
SITE DESCRIPTION MANUFACTURING PLANT

WASTE RELATED INFORMATION METAL SLUDGES, OIL & GREASE WASTES
HAZARD IDENTIFICATION POTENTIAL CONTAMINATION OF WATER SUPPLY,
SURFACE & GROUND WATER

DATE COMMENT

1-18-81 The state assessments indicate unlined seepage
lagoons are full of heavy metal sludge. Monitoring
wells indicate Chromiums .06 mg/l copper .04 mg/l
nickel 1.2 mg/l zinc .09 mg/l. The state feels the
monitoring wells are too shallow to determine extent
of contamination.

HMV
FILE

POTENTIAL GROUND WATER CONTAMINATION SOURCE

IDENTIFICATION AND PRELIMINARY ASSESSMENT

This form is completed for each potential hazardous waste site to help set priorities for site inspections. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections. If information is not available, place an "x" in the space provided.

SITE IDENTIFICATION

COMPANY NAME HOOVER BALL + BEARING ; UNIVERSAL DIE CAST DIV. , SALINE

ADDRESS 232 MONROE ST , SALINE

LOCATION (COUNTY, TOWN & RANGE) WASHTENAW

OWNER/OPERATOR X

HOW LONG HAS THIS FACILITY BEEN OPERATING AT THIS SITE? X before 1949

HAS THERE EVER BEEN AN OWNERSHIP TRANSFER? X

IF SO WHEN? X

PREVIOUS OWNER? X

OPERATION CHARACTERIZATION

TYPE OF OPERATION (I.E. MANUFACTURING, LANDFILL, ETC.) MANUFACTURING

PLATED PARTS FOR AUTOMOBILE INDUSTRY

WASTE CHARACTERIZATION

Waste type:

Unknown X Liquid Solid X Sludge Gas

Waste characteristics:

Unknown Corrosive Ignitable Radioactive Highly Volatile

X Toxic Reactive Inert Flamable

Other Specify

Waste description (metal sludges, PCB's, etc.) metal sludges,
oil + grease waste

PROBLEM CHARACTERIZATION (I.E. UNLINED SEEPAGE LAGOON, IMPROPER BARREL DISPOSAL,

ETC. unlined seepage lagoons for heavy metal
sludges

LIST ALL APPLICABLE PERMITS HELD BY THE SITE (FILL IN DATE OF ISSUANCE & PERMIT NUMBER)

NPDES X

Liquid industrial waste X

Air X

Groundwater discharge

Solid waste

Soil & sedimentation

Inland lakes

Other (specify)

COMPLIANCE HISTORY poor

CONTAMINATION INFORMATION

HAS THERE BEEN ANY ATTEMPT TO MONITOR THE GROUNDWATER IN THE PAST yes

If so, give the location or identification number of the wells 4 wells

numbered 1-4 around 1 sludge lagoon

List any pertinent monitoring data (include date and laboratory used for

analysis 1978 data - Environmental Protection Bureau Lab

chromium .06 mg/l, copper .04 mg/l nickel 1.20 mg/l
zinc .09 mg/l

GIVE THE LOCATION & DISTANCE TO THE NEAREST PRIVATE WELL X

GIVE THE SOURCE OF MUNICIPAL WATER SUPPLY wells 2 1/2 miles away

LIST ANY KNOWN GEOLOGICAL CHARACTERISTICS OF THE AREA X -

DEPARTMENT ACTION

HISTORY OF SITE INSPECTIONS (LIST DATE, INSPECTING AGENCY & RESULTS) Water Quality
Personal have visited site yearly since 1949. Reports indicate
commission recommendations were largely ignored leaving
Saline R. downstream from plant a biological desert for
about 20 years, after much foot dragging improvement made
on early 70's
REGULATORY ACTIONS (NOTICES OF NONCOMPLIANCE & VIOLATIONS, DATES & REASONS)

Orders of Determination 1953 + 1959 discharging
heavy metal wastes including cyanide into Saline R.
notice of noncompliance 1975 - for
* failure report all parameters requested
REMEDIAL ACTIONS REQUESTED (ACTIONS & DATES) remedial actions have
been requested almost yearly since 1949

Were these actions accomplished? yes

* Plant data indicates compliance
with NPDES permit since 1975.
However yearly 24 hr. surveys
taken by water quality personnel
indicate significantly higher
reading for heavy metals +
suspended solid than those
reflected by plant testing.

Case name _____

PRELIMINARY PROBLEM ASSESSMENT

Date _____

POTENTIAL HAZARDS (CHECK ALL APPLICABLE CATEGORIES)

Human health	<u>X</u>	Noticeable odors	_____
Contamination of water supply	<u>X</u>	Contamination of soils	_____
Contamination of groundwater	<u>X</u>	Property damage	_____
		Sewer/storm drain problems	_____
Contamination of surface water	<u>X</u>	Erosion problems	_____
Contamination of food chain	_____	Inadequate security	_____
Damage to flora/fauna	_____	Other (specify)	_____
Fish kill	_____		_____
Contamination of air	_____		_____
Fire or explosion	_____		_____
Spills/leaking containers (runoff) standing liquids	_____		
Incompatible wastes	_____		
Midnight dumping	_____		

WHAT ADDITIONAL INFORMATION IS REQUIRED? _____

DESCRIBE ANY NECESSARY ACTIONS WHICH SHOULD BE UNDERTAKEN? (ADDITIONAL SAMPLING, SITE INSPECTION, ETC.) metal sludge lagoon is full & no longer in use. sludge should be removed. Present monitoring wells are too shallow. Wells of proper depth should be installed to determine extent of contamination & direction of flow of over

SUMMARY OF ACTIONABLE VIOLATIONS

Case Name _____

The following is a list of violations which may provide a basis for the development of enforcement strategy. The violations fall into two basic categories: 1. Operation without a permit or 2. violation of a permit, final order, consent agreement etc. Please note any of these violations during the course of your review.

Violation of Act 245, P.A. 1929, the
Water Resources Commission Act
(discharge violation)

No permit _____

Violation of permit _____

Surface water discharge _____

Groundwater discharge _____

Violation of Part 5 Rules for
Act 245, P.A. 1929

Illegal storage _____

Improper storage _____

No PIPP _____

PIPP not implemented correctly _____

Violation of Act 641, P.A. 1978, the
Solid Waste Management Act

No license _____

Violation of license _____

Other violations (failure to report critical materials, improper disposal of PCB's,
illegal waste removal, etc.) _____